

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GP 2851  
PATENT APPLICATION

Group Art Unit 2851

Examiner:

Atty. Dkt.

P 271038

SPO-2437

Appl. Title:

OBSERVATION OPTICAL SYSTEM  
AND PHOTOGRAPHING OPTICAL  
SYSTEM AND APPARATUS USING  
THE SAME

Inventor(s): TAKEYAMA

Appl. No.: 09

Series Code ↑

698,127

Serial No. ↑

Filed: October 30, 2000

Hon. Commissioner of Patents

Washington, D.C. 20231

Sir:

REPLY/AMENDMENT/LETTER

Date: April 24, 2001

RECEIVED  
JUN 15 2001  
Technology Center 2600

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject matter which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim

A. ☒ NOT made

B. ☐ Withdrawn

C. ☐ made herewith

D. ☐ made previously

For B & C  
See Required  
Separate Paper  
(Pat-256)

|   | Claims remaining after amendment          | Highest number previously paid for | Present Extra | Large/Small Entity | Additional Fee | Fee Code Lg/Sm |
|---|---|------------------------------------|---------------|--------------------|----------------|----------------|
| 2. Total Effective Claims   | 32  | **minus 31                         | 1             | x \$18/\$9 =       | + \$18         | 103/203        |
| 3. Independent Claims   | 4   | ***minus 3                         | 1             | x \$80/\$40 =      | + \$80         | 102/202        |
| 4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) ..... | add                                       |                                    |               | + \$270/\$135 =    | + \$0          | 104/204        |
| 5. Original due Date:   | <input checked="" type="checkbox"/> NONE  |                                    |               |                    |                |                |
| 6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached         | (1 mo)                                    | \$110/\$55 =                       |               |                    |                | 115/215        |
|   | (2 mos)                                   | \$390/\$195 =                      |               | + \$0              |                | 116/216        |
|   | (3 mos)                                   | \$890/\$445 =                      |               |                    |                | 117/217        |
|   | (Usable only for ≤ 2mo.OA --- 4 mos)      | \$1390/\$695 =                     |               |                    |                | 118/218        |
|   | (Usable only for 30 day/1mo.OA --- 5 mos) | \$1890/\$945 =                     |               |                    |                | 128/228        |
| 7. Enter any previous extension fee paid since above original due date and subtract   | - \$0                                     |                                    |               |                    |                |                |
| 8.  | Extension Fee Attached                    |                                    |               |                    | + \$0          |                |
| 9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....   | + \$110/\$55                              |                                    |               |                    | + \$0          | 148/248        |
| 10. If IDS attached requires Official Fee under Rule 97 (c), .....  | + \$180                                   |                                    |               |                    | + \$0          | 126            |
| or if Rule 97(d) Request .....  | + \$180                                   |                                    |               |                    |                | 126            |
| 11. After-Final Request Fee per rules 129(a) and 17(r) .....  | + \$710/355                               |                                    |               |                    | + \$0          | 146/246        |
| 12. No. of additional inventions for examination per Rule 129(b) .....  | x \$710/355 ea                            |                                    |               |                    | + \$0          | 149/249        |
| 13. Request for Continued Examination (RCE) .....   | + \$710/355                               |                                    |               |                    | + \$0          | 1179/1279      |
| 14. Petition fee for .....  |   |                                    |               |                    | + \$0          |                |
| 15.   | TOTAL FEE ENCLOSED =                      |                                    |               |                    | \$98           |                |

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 061069

C#

271038

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fees only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

1100 New York Avenue, NW

Ninth Floor

Washington, DC 20005-3918

Tel: (202) 861-3000

Atty/Sec: gjp/srd

Pillsbury Winthrop LLP

Intellectual Property Group

By Atty: Glenn J. Perry

Sig:

Reg. No. 28458

Fax: (202) 822-0944

Tel: (202) 861-3070

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

TAKEYAMA

Appln. No.: 09/698,127

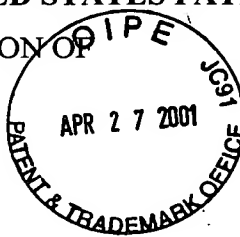
Filed: October 30, 2000

Title: OBSERVATION OPTICAL SYSTEM AND PHOTOGRAPHING OPTICAL SYSTEM  
AND APPARATUS USING THE SAME

Confirmation No.:

Group Art Unit: 2851

Examiner: Unknown



RECEIVED  
JUN 15 2001  
Technology Center 2600

April 24, 2001

\* \* \* \* \*

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-identified application, please enter the following  
amendments.

IN THE SPECIFICATION:

Page 4, line 10, delete the entire heading and replace it with the following new heading:

**SUMMARY OF THE INVENTION**

See the attached Appendix for the changes made to effect the above paragraph.

Page 18, delete the entire paragraph beginning on line 5 and replace it with the following new  
paragraph:

According to the present invention, the axial chief ray is defined, in the  
case of the observation optical system, as a ray travelling from the center of the  
exit pupil through the center of the observation image forming member as  
traced in the reverse direction, or, in the case of the photographing optical  
system, as a ray travelling from the center of the aperture stop through the

A1

04/30/2001 SDENB01 00000069 09698127  
18.00 OP  
01 FC:103  
02 FC:102  
80.00 OP